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(54) **Raupenförmige Verpackungshülle und Verfahren zur Herstellung einer gerafften Verpackungshülle**

(57) Die Erfindung betrifft eine ein- oder mehrschichtige raupenförmige Verpackungshülle auf Basis von synthetischen oder natürlichen Polymeren, die eine Raffdicke von bis zu 1 : 500, bei einer Länge der ge-

rafften Raupe von 10 bis 200 cm aufweist sowie ein Verfahren zur Herstellung der Verpackungshülle.





Original document

Shirred casing stick and process for the preparation of a shirred casing













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Abstract of EP1338204

A worm-like packaging material based on synthetic or natural polymers, especially an artificial sausag skin obtained from tubular material, where the roughness of the tubular material in contact with a take up bar and that of the take up bar itself together make up a roughness of 0.5 to 5 micron, the take up thickness (density) is 1:200 to 1:500, the worm length is 10-200 cm, and the wall thickness of the skin 20-80 micron is new. An Independent claim is included for preparation of the packaging skin, e.g. sausage skin, in which the sliding friction between the skin material and the surface of a take up bar or which the skin material is placed is so minimized that the sliding friction is less than that which occurs on complete adhesion between a smooth skin material contact surface and the smooth contact surface of the take up bar and also smaller than the friction force between the roughened contact surface of the tubing material and a roughened contact surface of the take up bar.

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(12) **United States Patent**
Auf Der Heide et al.

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 (45) **Date of Patent: Oct. 26, 2004**

(54) **SHIRRED STICK PACKAGING CASING ON
 HIGH SHIRRED DENSITY**

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(57) **ABSTRACT**

The invention relates to a single- or multilayer shirred stick packaging casing in the form of a shirred stick based on synthetic or natural polymers which has a high shirring density of up to 1:500 at a length of the shirred stick of from 10 to 200 cm, and to a process for producing the packaging casing.

22 Claims, No Drawings